Canon

Graphic Arts Solutions

imagePROGRAF®
iPF8000

Large-Format Solutions

INTRODUCING THE 44-INCH imagePROGRAF iPF8000 PRINTER, THE MOST RECENT ADDITION TO CANON'S LATEST GENERATION OF LARGE-FORMAT PRINTERS.

Canon unveils the new imagePROGRAF iPF8000 printer, the next step in redefining large-format printing and the best solution for any color professionals needs.

imagePROGRAF® iPF8000

The new imagePROGRAF iPF8000 printer is the total creative solution for any color professional looking for impressive, full-bleed color output, strength in paper handling, and exceptional speed. The iPF8000 printer features the newly developed 12-color pigment ink system with LUCIA™ inks designed to expand the spectrum of shades in order to produce outstanding colors, neutral and stable grayscales, as well as incredible tonal detail.

The integration of speed and quality is attained with two of Canon's latest and strongest technological achievements– the L-COA controller and the dual print-head system. The Canon L-COA controller is dedicated to the imagePROGRAF printer and is designed to optimize the best quality output at the highest possible speeds. The iPF8000 printer is designed for reliability, simplicity, productivity and, above all, quality.

REDEFINING LARGE-FORMAT PRINTING

An absolute creative solution– brilliant color, exceptional speed, and maximum productivity

EXQUISITE COLOR

The imagePROGRAF iPF8000 printer features a 12-color pigment ink system designed to produce a wide color gamut that expands the range of color reproduction and enhances color purity substantially. The dramatically expanded color gamut produces the most outstanding, pure, exquisite colors to accurately match a larger spectrum of colors. Black and matte black, plus two levels of gray, produce monochrome prints that surpass all expectations. The two levels of gray reduce graininess, metamerism, and virtually eliminate color shifts. There's ease in printing on various substrates, such as gloss or matte, due to the automatic switching between black and matte black, which helps increase productivity and reduce operating expenses.

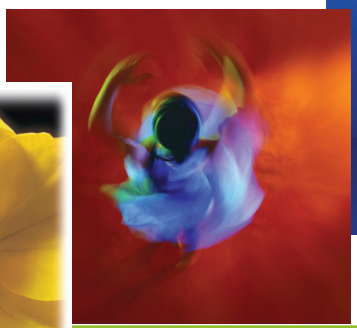
EXTRAORDINARY SPEED AND OUTSTANDING PRODUCTIVITY

The imagePROGRAF iPF8000 printer is built around Canon's innovative L-COA (Large-format printer COmmon Architecture) controller, a highly advanced system processor that dynamically optimizes output speed and print quality based on the type of image being printed and the media used. It's so advanced, yet so simple. Vivid, breathtaking, long-lasting prints are achieved by combining Canon's advanced technological achievements –a single chip alongside two high-density one-inch print-head systems with FINE technology. Every printer looks for accuracy, productivity, and reliability– all of which are packed into this 44" printer.

BUNDLED SOFTWARE

The imagePROGRAF iPF8000 printer comes equipped with an array of software applications that expand the printer's capabilities and simplify its use in busy environments. Exquisite, stunning prints can be created right out of the box, with software that's just as innovative as the print itself.

- **Print Plug-in for Photoshop®** – Allows for 16-bit image processing to dramatically improve gradations and image quality.
- **Digital Photo Print Pro** – Eliminates red-eye, improves skin tones, removes moiré, makes image corrections to digital photos with a click of a button, and also includes templates for creating calendars.
- **PosterArtist** – PosterArtist helps users of all levels to create professional-looking posters, banners, and signage with complete ease.
- **Printer Driver 2006** – The imagePROGRAF printer driver 2006 works with both Windows® and Macintosh® operating systems, offering exceptional, high-quality prints through easy usability and accurate color. Features such as Free Layout and Canon imageRUNNER® Scan-to-Print are included.



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imagePROGRAF® iPF8000

Specifications

MAIN UNIT

Print Head (PF-02)
- Technology
  - FINE (Full-Lithography Ink-Jet Nozzle Engineering)
- Configuration
  - 6 Colors per Print Head
  - Two Print Heads (Total 12 Colors)
  - Print Head (L) Y/PC/C/PGY/GY/MBK
  - Print Head (R) PM/M/BK/R/G/B
- Replacement
  - End-User Replaceable

Number of Nozzles
- 2,560 Nozzles per Color
- 30,720 Nozzles Total

Droplet Size
- Uniform 4 Picoliter for All Colors

Nozzle Pitch (Head Resolution)
- 1200 dpi

Print Head Swath
- 1.07"

Print Resolution (Max.)
- 2400 x 1200 dpi

Ink Type
- LUCIA Ink (Pigment-Based)

Replacement Ink Tank
- PFI-701 (700ml) or PFI-301 (330ml)
- Colors
  - Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Red, Green, Blue, Gray, Photo Gray

Ink Tank Shipped with the Printer
- PFI-301 x 12 Colors (Full 330ml Each Color)

Ink Supply Method
- Tubing System with Sub-Tanks for Continuous Ink Supply

Nozzle Recovery System
- Non-Firing Nozzle Detection and Compensation

Printer Controller
- L-COA Controller

Printer Memory
- 384MB

Media Feed
- Roll Feed
  - One Roll, Front-Loading, Front Output
- Cut Sheet
  - One Sheet, Front-Loading, Front Output

Media Width
- 8" – 44" (Cut Sheet)
- 10" – 44" (Roll Feed)

Minimum Media Length
- 8" (203mm)

Maximum Print Length
- Manual Feed
  - 63" (1.6 Meters)
- Roll
  - 59 Feet (18 Meters)*

Borderless Printing Width (Roll Media Only)
- 10", 14", 16", 24", 36", 42", B2 (20.28"/515mm), A1 (23.38"/594mm), A0 (33.11"/841mm), B0 (40.55"/1,030mm)

Media Cutter
- User-Replaceable Durable Rotary Blade (CT-06)

Media Thickness
- 0.07mm – 0.8mm (2.8 mil–31.4 mil)

Media Core Sizes
- 2" (3" Core With Optional 3" Core Spool)

Media Output
- Basket (Standard), Automatically Winding Media Take-Up Reel (Optional)

Printable Margins
- Manual Feed (Top/Front)
  - Leading and Left/Right Edges: 0.20" (5mm), Trailing Edge: 0.90" (23mm)
- Roll Feed
  - All Sides: 0.20" (5mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
- 5.9" (150mm)

Bundled Software
- Printing Software
  - Printer Driver 2006, Print Plug-in for Photoshop,** Printer Driver Extra Kit*** (Free Layout, imageRUNNER Linking Function)
- Applications
  - PosterArtist 2006,† Digital Photo Print Pro†
- Utilities
  - GARO Status Monitor with SMTP E-mail Printer Status Notification, Media Configuration Tool, Remote UI

Printer Language
- GARO (Canon Proprietary)

Operating System††
- Windows 98SE/ME/2000/XP/2003 ServerVista,††† Macintosh OS 9.1/X 10.2/ 10.3/10.4 (Power PC or Intel® Processors)

Interface
- Standard
  - USB 2.0 High Speed
  - 10/100Base-T/TX
- Optional
  - IEEE1394 (FireWire)

Acoustic Noise
- Operation
  - 54dB or Less
- Standby
  - 35dB or Less
- Acoustic Power (Operation and Standby)
  - 6.9 Bels or Less

Power Supply
- AC 100 – 240V (50 – 60Hz)

Power Consumption
- Maximum
  - 190W or Less
- Standby (100 - 120V)
  - 5W or Less (8W or Less when EB-05 is Installed)
- Power Off (Standby, 100 - 120V)
  - Less than 1W (Compliant with Executive Order)

Certification
- Electrical Safety Regulations
  - UL (USA), C-UL (Canada), S mark (Argentina), CB Certification (Others)
- Electromagnetic Interface Regulations
  - FCC Class B (USA), IC Class B (Canada)
- Environmental Certifications
  - ENERGY STAR® (World Wide), RoHS Directive, WEEE, Executive Order (USA)

Operational Environment
- Temperature
  - 59 – 86 F° (15 – 30 C°)
- Relative Humidity
  - 10 – 80% (Condensation Free)

Dimensions with Stand (H x W x D)
- 45.0" x 74.5" x 38.4" (1,144 x 1,893 x 975mm)

Weight with Stand
- Approx. 313 lb. (142kg)

Package Dimensions (H x W x D)
- 48.3" x 81.9" x 41.7" (1,226 x 2,080 x 1,060mm)

Package Weight (Including Pallet)
- Approx. 499 lb. (226kg)

User Replaceable Items
- Ink-Tank PFI-301/PFI-701
- Print Head (PF-02)
- Maintenance Cartridge (MC-08)
- Durable Rotary Media Cutter (CT-06)

Options
- IEEE1394 Expansion Board (EB-05)
- Automatic Media Take-Up Unit (TU-06)
- 2" Core Roll Holder (RH2-43)
- 3" Core Roll Holder (RH3-43)

What's In The Box

Printer, Stand with Basket, Power Cord, Two Print Heads (6 Colors per Print Head), 12 PFI-301 Ink Tanks (12 Colors x 330ml), Preinstalled Maintenance Cartridge (MC-08), Preinstalled Rotary Media Cutter (CT-06), User Software CD, User Manual CD, Quick Reference Guide, Quick Start Guide, PosterArtist CD Disk 1 and Disk 2, Digital Photo Print Pro CD, LFP Specialty Media Swatch Book, Tools to Assemble the Stand, Warranty.

MEDIA TYPES

Signage Media
- Durable Banner (Polypropylene), Banner Vinyl (Scrim), Tyvek Banner, Removable Banner Vinyl, Adhesive Matte Vinyl, Durable Backlit Film, Back Print Back Lit Film

Photo Paper
- Premium Super-Gloss, Glossy Photographic Paper, Satin Photographic Paper, Heavyweight Glossy Photographic Paper, Heavyweight Satin Photographic Paper, Premium Bright Photo Glossy Paper, Premium Bright Photo Satin Paper, Premium RC Photogloss, Premium RC Photomatte, Premium RC Photo Luster

Proofing Paper
- Commercial Proofing Paper, Premium Proofing Paper

Matte Paper
- Universal Bond Paper, Matte Coated, Paper, Heavyweight Coated Paper, Heavyweight Matte Coated Paper, Premium Matte Paper

Fine Art Paper
- Fine Art Photo Rag, Fine Art German Etching, Fine Art Enhanced Velvet, Fine Art Watercolor Paper, Fine Art Smooth Rag, Fine Art Smooth Rag Heavyweight, Fine Art Smooth Natural Rag, Fine Art Textured Rag, Fine Art Water-Resistant Canvas, Graphic Matte Canvas, Canvas Semi-Glossy

* The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver is 50 feet.

** For Adobe® Photoshop 6, 7, CS, and CS2 running on Windows 2000/XP or Macintosh OS 9.1 or OS X 10.2/10.3/10.4 (Power PC or Intel Processor)

*** Windows 2000/XP/2003 Server, Auto Layout and imageRUNNER Linking Function for Macintosh OS 10.2.8 or later.

† Windows 2000/XP

†† For imagePROGRAF Printer Driver. For printing from PostScript® applications such as Adobe Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please refer to Canon Alliance and Industry Marketing program list of RIP vendors.

††† Available 2007

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Paradigm Imaging Group

Distributor of Large Format Scanning & Printing Solutions

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